

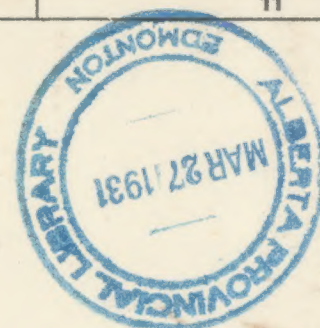
THE DEPARTMENT OF TRADE AND COMMERCE, CANADA
HON. H. H. STEVENS, M.P., MINISTER
F. C. T. O'HARA, DEPUTY MINISTER

PROTEIN SURVEY MAP (Showing Individual Points) of WESTERN CANADA

GRADES 1 HARD, 1-2-3 NORTHERN
1930-31 Crop Year Edition

BOARD OF GRAIN COMMISSIONERS
GRAIN RESEARCH LABORATORY

F. J. BIRCHARD
Chemist in Charge



Different colors on either side of a railway line
indicate the prevailing range in protein content
for that particular district.

KEY

Color	Protein Content %
XXXXXXXXXX	18 to 18.9
XXXXXX	17 to 17.9
XXXX	16 to 16.9
XX	15 to 15.9
XX	14 to 14.9
XX	13 to 13.9
XX	12 to 12.9
XX	11 to 11.9
XX	10 to 10.9
XX	Less than 10

MAXIMUM, MINIMUM AND AVERAGE PROTEIN CONTENT BY GRADES AND PROVINCES

Province of Manitoba

Grade	No. of Samples Tested	Max. %	Min. %	Ave. %
1 Hard	22	16.0	11.0	13.2
1 Nor.	568	15.8	8.8	12.3
2 Nor.	781	15.5	8.0	11.1
3 Nor.	188	15.1	9.2	11.2

Province of Saskatchewan

1 Hard	284	16.5	9.8	14.3
1 Nor.	2652	20.5	9.0	14.1
2 Nor.	2167	17.9	7.7	12.6
3 Nor.	662	17.8	8.0	12.4

Province of Alberta

1 Hard	229	17.2	11.4	14.1
1 Nor.	802	18.4	10.3	14.2
2 Nor.	1235	21.1	8.0	13.0
3 Nor.	481	18.5	7.9	12.8
	10071			

PROTEIN DISTRIBUTION

Table I

Proportion of Samples Tested %	Range in Protein Greater than %
98.9	9.0
94.3	10.0
85.3	11.0
70.9	12.0
53.4	13.0
36.1	14.0
19.0	15.0
7.3	16.0
1.3	17.0
0.1	18.0

Table II

Proportion of Samples Tested %	Range in Protein %
1.1	8.9-lower
4.6	9-9.9
9.0	10-10.9
14.4	11-11.9
17.5	12-12.9
17.3	13-13.9
17.1	14-14.9
11.7	15-15.9
6.0	16-16.9
1.2	17-17.9
0.1	18-Over

All results computed to a 13.5% moisture basis.

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MAP COLLECTION
UNIVERSITY OF ALBERTA
EDMONTON, ALBERTA
CANADA

Prairie Prov. J-28 (1930-31) [Arch.]